SEQUENCE LISTING

<110> The Wistar Institute of Anatomy & Biology Halazonetis, Thanos Scolnick, Daniel

<120> Compositions and Methods to Enhance Sensitivity of Cancer Cells to Mitotic Stress

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45 50 55

35

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Ser Phe Pro Ser Asn Lys Leu Val Ser Gly Asp His Cys Arg Ile Val 50 60 01/30/2006 17:21 2155405818 HOWSON AND HOWSON PAGE 08/19

PCT/US00/16391 WO 01/09150 Val Asp Glu Lys Ser Gly Gln Val Thr Leu Glu Asp Thr Ser Thr Ser 70 . 75 Gly Thr Val Ile Asn Lys Leu Lys Val Val Lys Lys Gln Thr Cys Pro 90 Leu Gln Thr Gly Asp Val Ile Tyr Leu Val Tyr Arg Lys Asn Glu Pro 105 Glu His Asn Val Ala Tyr Leu Tyr Glu Ser Leu Ser Glu Lys Gln Gly 120 Met Thr Gln Glu Ser Phe Glu Ala Asn Lys Glu Asn Val Phe His Gly 135 Thr Lys Asp Thr Ser Gly Ala Gly Ala Gly Arg Gly Ala Asp Pro Arg 150 155 Val Pro Pro Scr Ser Pro Ala Thr Gln Val Cys Phe Glu Glu Pro Gln 170 Pro Ser Thr Ser Thr Ser Asp Leu Phe Pro Thr Ala Ser Ala Ser Ser 180 185 Thr Glu Pro Ser Pro Ala Gly Arg Glu Arg Ser Ser Ser Cys Gly Ser 200 Gly Gly Gly Gly Ile Ser Pro Lys Gly Ser Gly Pro Ser Val Ala Ser 215 Asp Glu Val Ser Ser Phe Ala Ser Ala Leu Pro Asp Arg Lys Thr Ala 225 230 Ser Phe Ser Ser Leu Glu Pro Gln Asp Gln Glu Asp Leu Glu Pro Val 245 250 Lys Lys Met Arg Gly Asp Gly Asp Leu Asp Leu Asn Gly Gln Leu 265 Leu Val Ala Gln Pro Arg Arg Asn Ala Gln Thr Val His Glu Asp Val 275 Arg Ala Ala Gly Lys Pro Asp Lys Met Glu Glu Thr Leu Thr Cys 295 Ile Ile Cys Gln Asp Leu Leu His Asp Cys Val Ser Leu Gln Pro Cys 310 315

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565

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Glu Ser Leu Val Ala Leu Gln Arg Gly Val Phe Leu Leu Ser Asp Tyr 580 585 590

Arg Val Thr Gly Asp Thr Val Lou Cys Tyr Cys Cys Gly Leu Arg Ser 595 600 605

Phe Arg Glu Leu Thr Tyr Gln Tyr Arg Gln Asn Ile Pro Ala Ser Glu 610 615 620

Leu Pro Val Ala Val Thr Ser Arg Pro Asp Cys Tyr Trp Gly Arg Asm 625 630 635

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Lys His Phc Gln Ile Leu Leu Gly Glu Asp Gly Asn Leu Leu Leu Asn 35 40 45

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Trp Tyr Ile Gln Asp Met Gly Ser Ser Ser Gly Thr Phe Leu Asn His 50 55 60

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Phe Lys Val Asp Ser Gln Gly Asn Trp Tyr Ile Lys Asp Val Lys Ser 50 55 60

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